**Standard Distribution Aggregation Services Contract Framework Work Paper**

NAESB Standard Contract Format

1. Cover Sheet
	1. Identification of parties
	2. Contact information
	3. Accounting information
	4. Election of general terms and conditions
	5. Signatories
2. General Terms and Conditions (examples)
	1. Purpose and Transaction Procedures
	2. Definitions
	3. Performance Obligation
	4. Taxes and Fees
	5. Billing, Payment, and Audit
	6. Title, Warranty, and Indemnity
	7. Notices
	8. Financial Responsibility (e.g. early termination, default)
	9. Force Majeure
	10. Term
	11. Limitations
	12. Market Disruption
	13. Miscellaneous
3. Exhibits

NAESB Standard Distribution Services from DER Aggregation Contract Considerations

What elements should be addressed within the contract?

How should these be addressed (e.g. terms and conditions, reference to related processes, forms and/or agreement, etc.)?

Potential Areas to Discuss:

1. Validation and Qualification
	1. Eligibility requirements for aggregations/aggregators
		1. Information required from aggregators
		2. Roles and responsibilities of aggregator, utility, and regulator
	2. Registration process
		1. Registration forms
		2. Interconnection agreement
		3. Interconnection studies
2. Distribution Grid Services
	1. Performance requirements for services
	2. Performance expectations of DER aggregation
3. DER Aggregation Plan
	1. Aggregation rules
		1. Technical, operational, and regulatory considerations
		2. Capacity limits
			1. Wholesale market rules
			2. State regulations
			3. Distribution network physical operating limits
	2. Implementation plan
		1. Composition of aggregated resources
		2. Customer engagement plan
		3. Participation models
	3. Resource plan
		1. Resource capabilities
		2. Aggregation strategy
		3. Service allocation
	4. Resource schedule
		1. Activation timing
		2. Resource availability
		3. Dispatch response
	5. Customer information
		1. Contacts
		2. Account numbers
		3. DER ownership details
	6. DER information
		1. Technical information for DERs
		2. Locational data
		3. Operational information
	7. Customer engagement plan
		1. Customer communications
		2. Information sharing
		3. Customer support services
		4. Collection, storage, utilization, and sharing of individual customer data
		5. Customer consent for aggregation participation and opt-out
		6. Applicable regulations
	8. Aggregator code of conduct
4. Data and Visibility Requirements
	1. Data access requirements
	2. Telemetry requirements
		1. Telemetry data that must be collected
		2. Communication protocols and standards
		3. Frequency of reporting
	3. Cyber requirements
		1. Data encryption
		2. Access control
		3. Incident response
		4. Compliance standards
		5. Data backups
5. Operational Coordination
	1. Scheduling and dispatch
		1. Performance forecast
	2. Planned and unplanned outages
		1. Curtailment
		2. Derates
6. Compensation and Performance Evaluation
	1. Performance evaluation
	2. Settlement process
	3. Non-performance
7. Auditing Requirements
8. Regulatory Oversight